

Final PUBLIC MEETING

FOR

The North and South Fork Pound Rivers Phased TMDL Development

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Overview

- **Introductions**
- **Why are we Here?**
- **Where do the North and South Fork Pound Rivers fit in?**
- **What is a TMDL?**
- **What's Next?**
- **Questions?**



Why are We Here?

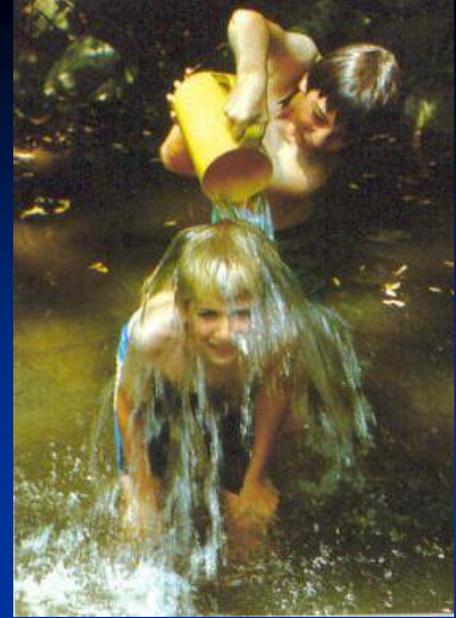
- Department of Environmental Quality
 1. Conducts Water Sampling
 2. Assess the data by comparing it to standards
 3. Problem (**Impaired**) waters are listed
In an EPA report called the 303(d) Total
Maximum Daily Load (TMDL) List
- Once problem waters are identified, Virginia must determine **how to reduce pollution** so that the water is clean again.
- Alert stakeholders about this **Total Maximum Daily Load Study** and seek data or information from the area.
- First Public Meeting was held January 30, 2007

Total Maximum Daily Loads are Mandated by Law

- Federal 1972 Clean Water Act requires
 - **Water Quality Monitoring**
 - **Periodic Assessment and Impaired Waters Listing**
 - **Develop TMDLs for Impaired Waters**
- Virginia's 1997 Water Quality Monitoring Information and Restoration Act (WQMIRA) requires
 - **TMDLs for Impaired Waters**
 - **An Implementation Plan**
- 1999 Consent Decree with EPA to develop TMDL Reports for all 1998 listed streams by 2010

Designated Uses

Recreation (swimming and boating)



Aquatic Life

balanced, indigenous including game fish



Wildlife

Edible natural resources

Fish

Shellfish (on the coast)

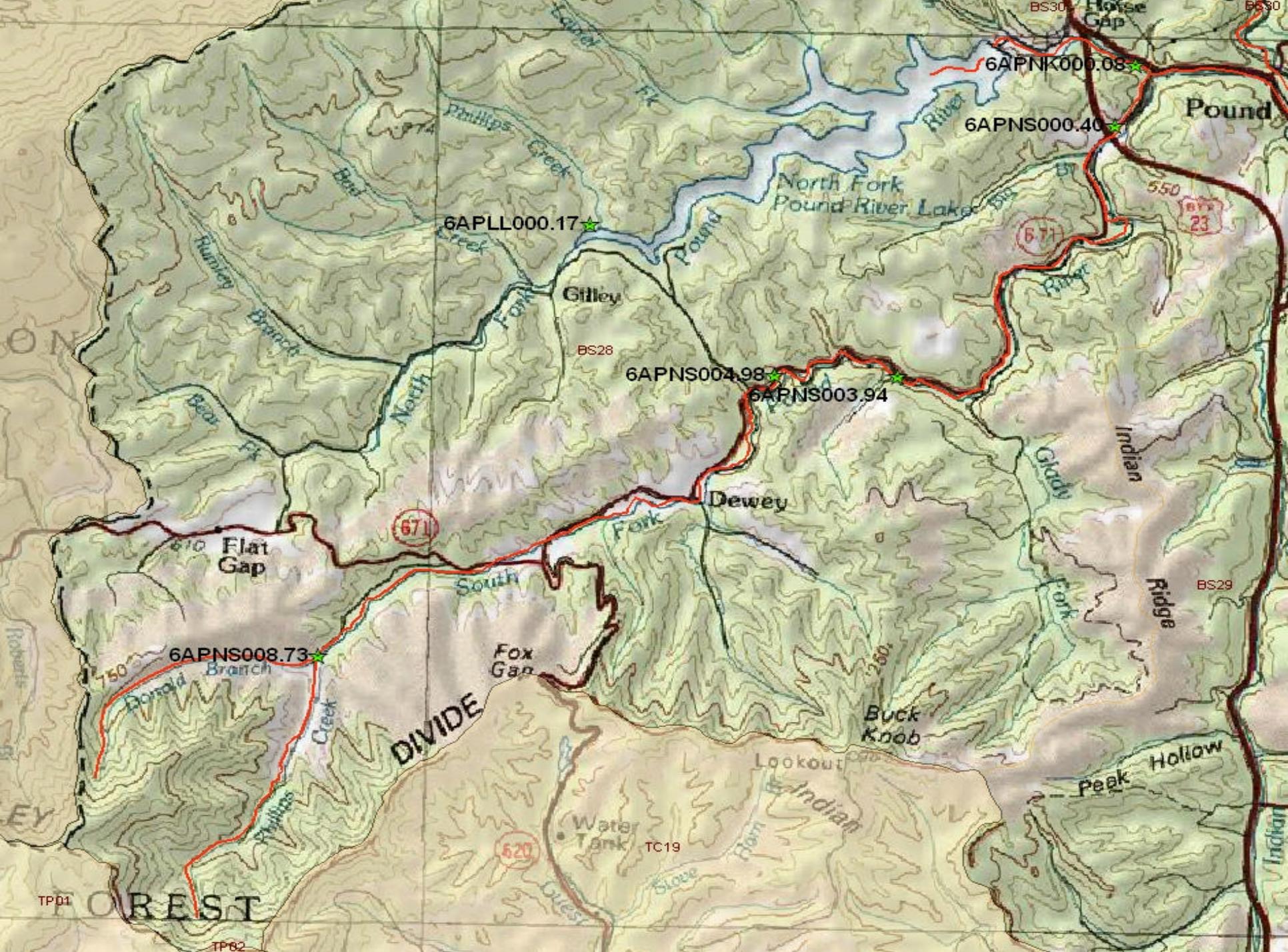


Where Do the North and South Fork Pound Rivers Fit In?

North and South Fork Pound Rivers Not Supporting Aquatic Life Use

- **General Standard (Benthic)** (1998) measured by the numbers and varieties of aquatic organisms that live in our streams





Pound

Gilley

Dewey

Flat Gap

Indian Ridge

DIVIDE

FOREST

6APNK000.08

6APNS000.40

6APLL000.17

6APNS004.98

6APNS003.94

6APNS008.73

671

620

550

23

TP01

TP02

TC19

BS29

671

Indian

Peak Hollow

Buck Knob

Indian

Water Tank

Lookout

Slope

Flom

Fox Gap

South Fork

Fork

Glady Fork

Indian

North Fork Pound River Lake

Pound

Phillips Creek

North Fork

Runney Branch

Beal

BS30

BS30

ON

EY

Roberts

TP01

What is a TMDL or Total Maximum Daily Load?

- Amount of a pollutant that a waterbody can receive and still meet water quality standards
- It is pollutant specific
 - Aquatic Life Stressors
 - Bacteria
- It is a process to restore impaired waters
- A special study that:
 - Identifies all significant pollution sources,
 - Calculates amount of pollution from each source, and
 - Calculates pollution reductions, by source, needed to attain water quality standards.

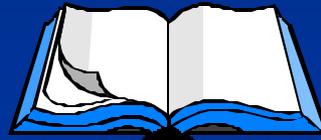
Public Participation Process

- First Public Meeting- January 30, 2007
- Second Public Meeting- March 24, 2008
- Comment Period Extension
- Third Public Meeting- September 25, 2008
- Final Public Meeting- February 2, 2010

What Next?

We Are Here
Phased TMDL

**Implementation
Plan**



**Total
Maximum
Daily
Load**



- Identifies permit controls, best management practices, or remediation options needed to make necessary pollutant reductions

Polluted

- Calculates amounts from each source
- Tracks pollutants in the system
- Sets maximum pollutant load
- Estimates necessary pollutant reductions

Implementation



Clean

Water quality standards met

The Process

Water quality standards not met



Information

- **TMDL**

- **Virginia**

- **DEQ homepage** - <http://www.deq.virginia.gov/tmdl>

- **Federal**

- **EPA homepage** - <http://www.epa.gov/owow/tmdl/>



Thank You !



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